

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	377	102/301.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/10/23 14:51
L2	71	102/301-333.ccls. and free adj face	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/10/23 14:52
L3	9	("0351273"   "0465410"   "2164690"   "5035286"   "5803172").PN. OR ("7052092").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/23 14:58
L4	269	102/312.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/23 15:07
L5	4	102/301-333.ccls. and (cast\$3 or displace\$3) same heave	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/10/23 15:09
L6	21	("2772632"   "3295445"   "3714895"   "3848927"   "4646640"   "4725991"   "4976199"   "5140907"   "5194689"   "5388521"   "5413047"   "5539636"   "6220167"   "6422147"   "6460462"   "6772105").PN. OR ("7406918").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/23 15:10

L7	9	("1872016"   "4135762"   "4522448"   "4545622"   "4913233"   "4966077").PN. OR ("5140907").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/23 15:16
L8	22	("5140907"   "5194689").PN. OR ("5413047").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/23 15:20
L9	9	("3775984"   "3792906"   "4223734"   "4244624"   "4262965").PN. OR ("5194689").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/23 15:20
S1	1	102/311-313.ccls. and throw and stand adj up	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/09/20 17:46
S2	22	102/311-313.ccls. and throw	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/09/20 17:47
S3	1	102/311-313.ccls. and stand adj up adj blast	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/09/20 17:48
S4	7	102/311-313.ccls. and inter adj (row or hole)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/09/20 17:49
S5	1	102/311-313.ccls. and throw adj blast	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/09/20 17:58
S6	7	102/311-313.ccls. and open adj cut	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/09/20 17:58
S7	445	166/299.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 18:50
S8	44	S7 and (coal or throw or (open adj cut))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 18:51

S9	921	166/63.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 18:52
S10	25	S9 and (coal or throw or (open adj cut))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 18:53
S11	447	299/13.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 18:56
S12	26	102/301,311-313. ccls. and thrown	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:05
S13	126	102/301,311-313. ccls. and displac\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:10
S14	80	102/311.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:15
S15	47	102/311-313.ccls. and stand	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:19
S16	355	102/311-313.ccls. and separat\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:23
S17	10	102/311-313.ccls. and separat\$3 with (mineral or coal or burden or muck or overburden)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:24
S18	2	"5388521".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/16 19:26
S19	1	"7406918".pn.	USPAT	OR	OFF	2010/01/23 19:11

S20	18	("2772632"   "3295445"   "3714895"   "3848927"   "4646640"   "4725991"   "4976199"   "5140907"   "5194689"   "5388521"   "5413047"   "5539636"   "6220167"   "6422147"   "6460462"   "6772105").PN. OR ("7406918").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/23 19:12
S21	88	102/311-313.ccls. and cast\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/23 19:16
S22	4	102/311-313.ccls. and movement adj (blast\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/01/23 19:24
S23	712	102/313.ccls.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/10/18 18:37
S24	19	S23 and free adj face	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2010/10/18 18:37
S25	1	"5388521".pn.	USPAT	OR	OFF	2010/10/18 18:43
S26	1	"6520591".pn.	USPAT	OR	OFF	2010/10/18 18:45
S27	36	"172"/\$.ccls. and explosive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/10/20 18:27
S28	51	"172"/\$.ccls. and explosive	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/10/20 18:27

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	2	(explosive and free adj face and throw).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/10/23 15:49
L11	55	(explosive and free adj face).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/10/23 15:50

**10/ 23/ 2010 3:50:47 PM**

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